

PROJECT DESCRIPTION

319 BARTON WAY, MENLO PARK, CA 94025

PROPERTY OWNERS : MICHAEL HART & JESSICA HART
ZONNING : R1-U
APN : 062 – 342 – 210

PURPOSE OF THE PROPOSAL

To expand the first-floor footprint in the rear of the property in order to increase the usable living space and to add on an additional bedroom.

SCOPE OF WORK

- Add 382.06 sf of habitable space, including living room and a bedroom to the existing house on the first floor for a total proposed floor area of 2,914.29 sf.
- Revise the interior of the family room, revise 151.07 sf area of laundry room, change plumbing fixtures of existing bathroom on first floor.
- Total revised and addition area is $(382.06 + 151.07) = 533.13$ sf.
- Remove the existing shed at the corner of the backyard.

ARCHITECTURE

1. Architecture Style : Spanish Inspired Architecture.
2. Materials and colors : Stucco exterior walls, with painted wood trimmed aluminum windows and a terra cotta roof.
3. Construction methods : Wood framed construction

BASIS FOR THE SITE LAYOUT

We found this to be the most appropriate addition (1st story) to accomplish the goals of the project while respecting the existing architecture and neighbor privacy.

EXISTING AND PROPOSED USES

- Existing uses : 2-story residence with 3 bedrooms and 2 bathrooms.
- Proposed uses : 2-story residence with 4 bedrooms and 2 bathrooms.

OUTREACH TO NEIGHBORING PROPERTIES

Clients have had informal conversations with both direct neighbors to their property (313 Barton Way, 329 Barton Way and 339 Barton Place) as it relates to the size and scope of their project, as well as addressing potential tree impact as it relates to 339 Barton Place.

City of Menlo Park, April 10th, 2025



REMODEL AND ADDITION:

- ADD 382.06 SF OF HABITABLE SPACE, INCLUDING LIVING ROOM AND A BEDROOM TO THE EXISTING HOUSE ON FIRST FLOOR FOR A TOTAL PROPOSED FLOOR AREA OF 2,914.29 SF.
- REVISE INTERIOR OF FAMILY ROOM. REVISE 151.07 SF AREA OF LAUNDRY ROOM, CHANGE PLUMBING FIXTURES OF EXISTING BATHROOMS.
- TOTAL REVISED AND ADDITION AREA IS $(382.06 + 151.07) = 533.13$ SF.
- EXISTING HOUSE INCLUDES 3 BEDROOMS AND 2 BATHROOMS. PROPOSED HOUSE INCLUDES 4 BEDROOMS AND 2 BATHROOMS

ADDRESS:	319 BARTON WAY, MENLO PARK, CA, 94025
APN NUMBER:	APN NUMBER: 062-342-010
ZONING:	R1 - U
CONSTRUCTION TYPE	V - B
FLOOD ZONE:	AE 42.2 FEMA MAP 06081C0308E
LOT SIZE:	7,460 SF
MAX. HEIGHT:	28'-0"
MAX. ALLOWED FAL:	
2,800 + 25% x (7,460 - 7000) =	2,915 SF
(INCLUDING GARAGE)	
2nd Floor MAX. FAL.:	1,400 SF
MAX BUILDING COVERAGE:	2,611 SF
(32% Lot Size)	
TOTAL EXISTING FLOOR AREA:	2,532.29 SF
TOTAL PROPOSED FLOOR AREA:	2,914.29 SF
(TOTAL REMOVAL AND ADDITION AREA):	533.13 SF
TOTAL EXISTING COVERAGE:	1,631.81 SF = 21.87%
PROPOSED COVERAGE:	2,000.42 SF = 26.82%

SPRINKLER REQUIREMENT:

FOR CODE COMPLIANCE:
2022 CALIFORNIA CODES (CBC, CRC, CEC, CMC, CPC)
2022 CALIFORNIA GREEN BUILDING STANDARD CODE (CALGreen)
2022 CALIFORNIA FIRE CODE
2022 CALIFORNIA ENERGY CODE
CITY OF MENLO PARK ORDINANCES

WINNERS

MICHAEL & JESSICA HART
 908 BAYVIEW RD
 MENLO PARK, CA 94025
 TEL: (415) 352-4534
 ATTN: MICHAEL HART
 michael1119@gmail.com

DESIGNERS

TIME/LINE DESIGN - BUILD
 14401 BIG BAY AVE
 SAN FRANCISCO, CA 94134
 TEL: (415) 502-4478
 ATTN: BEN FLATU
 ben@time-line.net

SURVEYS

WIDE HORIZON LAND SURVEY
 36609 NEARWILD BLVD, SUITE C
 NIMES, CA 95097
 TEL: (916) 979-6712
 ATTN: WACE HAZARD
 wace@widehorizonsurvey.com

STRUCTURAL

ROCA3 ENGINEERING
 408 SOUTH ASSEL ST., P.O. BOX 36210
 MILPITAS, CA 95036
 TEL: (408) 382-1335
 ATTN: JOEY ROCA
 joey@roca3.com

ARBORIST

MICHELLE ARBORICULTURE, LLC
 2335 HOTTI CT
 PINOLE, CA 94664
 TEL: (415) 915-1362
 ATTN: JENNIFER TSO
 jennifer@michelearborist.com

TITLE-24

CALIFORNIA LIVING & ENERGY
 CAREERS, SAN JOSE 95027
 TEL: (209) 416-4462
 JAMES HERNANDEZ
 jhernandez@california24.com

1. GRADE SHALL FALL NOT FEWER THAN 6 INCHES WITHIN THE FIRST 10' TO 50' DRAIN SURFACE WATER WAY FROM NEW FOUNDATION WALLS. IMPERVIOUS SURFACES WITHIN 10 FEET OF THE BUILDING FOUNDATION SHALL BE SLOPED NOT LESS THAN 2% AWAY FROM THE BUILDING.
2. DIRECT DOWNSPOUTS TO LANDSCAPING AREAS THROUGH SPASH BLOCKS.
3. PROVIDE A 22"x30" MINIMUM ATTIC ACCESS HATCH WHERE 30" OF CLEAR HEIGHT IS PROVIDED DIRECTLY ABOVE THE ACCESS HOLE. ATTIC ACCESS PANELS SHALL HAVE PERMANENTLY ATTACHED INSULATION USING ADHESIVE OR MECHANICAL FASTENERS. THE ACCESS SHALL BE GASKETED TO PREVENT AIR LEAKAGE.
4. PROVIDE SAFETY GLAZING (TEMPERED) AT THE FOLLOWING HAZARDOUS LOCATIONS:
 - WINDOWS ADJACENT TO AND WITHIN 24 INCHES OF EITHER EDGE OF A DOOR.
 - GLAZING IN DOORS.
 - WINDOWS GREATER THAN 9 SQUARE FEET AND CLOSER THAN 18 INCHES TO THE FLOOR.
 - GLAZING IN WALLS ADJACENT TO SHOWERS OR BATHTUBS THAT ARE WITHIN 60 INCHES OF THE DRAIN OR FLOOR.
 - DOORS AND PANELS OF SHOWER AND BATHTUB ENCLOSURES.

1. PLUMBING SYSTEM PIPING SHALL BE INSTALLED SO THE PIPING OR CONNECTIONS WILL NOT BE SUBJECTED TO UNDUE STRESS OR STRAIN. PIPE PENETRATION THROUGH STRUCTURE ELEMENTS SHALL ALLOW FOR EXPANSION AND CONTRACTION PER CPC 312.2. VOIDS AROUND PIPES PASSING THROUGH THE STRUCTURE SHALL BE PROPERLY SEALED.
2. ALL PROPOSED HOSE-BIBS SHALL HAVE A NON-REMOVABLE BACKFLOW DEVICE.

2. ALL BATHROOM EXHAUST FANS SHALL BE RATED FOR A MINIMUM OF 50 CFM.
3. ALL EXHAUST FANS BE ENERGY STAR COMPLIANT. SHALL TERMINATE OUTSIDE THE BUILDING AND SHALL BE EQUIPPED WITH BACKDRIFT DAMPERS
4. EXHAUST DUCT TERMINATION SHALL:
 - * 3" MINIMUM FROM PROPERTY LINE
 - * 10" MINIMUM FROM A FORCED AIR INLET
 - * 3" MINIMUM FROM OPENINGS INTO THE BUILDING
5. DOMESTIC DRYER MOTOR EXHAUST DUCTS SHALL NOT EXCEED A TOTAL COMBINED HORIZONTAL AND VERTICAL LENGTH OF FOURTEEN FEET, INCLUDING TWO FEET MAXIMUM TO BE DEDUCTED FOR EACH 90-DEGREE ELBOW IN EXCESS OF TWO.
6. NEW 4" THICK MINIMUM CONCRETE PAD AT THE A/C UNIT. THE TOP OF PAD SHALL EXTEND 3" OR MORE ABOVE THE ADJOINING GROUND.
7. PASSAGEWAY TO EQUIPMENT LESS THAN 8' IN HEIGHT SHALL BE NOT MORE THAN 30" IN LENGTH WHEN MEASURED ALONG THE CENTER LINE OF THE PASSAGEWAY FROM THE ACCESS OPENING TO THE EQUIPMENT. PASSAGEWAY SHALL BE UN-OBSTRUCTED WITH A SLOD FLOORING AT LEAST 24" ABOVE THE EQUIPMENT. EQUIPMENT SHALL BE PROTECTED BY A 1/2" THICK CONCRETE PAD. EQUIPMENT SHALL BE INSTALLED WITH A PERMANENT 120V RECEPTACLE OUTLET AND LIGHTING FIXTURE NEAR THE APPLANCE. LIGHTING FIXTURE SHALL BE CONTROLLED BY A SWITCH AT THE ENTRANCE TO THE EQUIPMENT ROOM.

2. PROVIDE A VAPOR RETARDER PER CRC CHAPTER 5 BELOW CONCRETE SLAB FOUNDATION.

3. APPROVED CORROSION-RESISTANT FLASHINGS SHALL BE INSTALLED AT THE FOLLOWING LOCATIONS:

- AT EXTERIOR WINDOW AND DOOR OPENINGS.
- AT WALL AND ROOF INTERSECTIONS: FLASHINGS SHALL BE INSTALLED WHEREVER THERE IS A CHANGE IN ROOF SLOPE OR DIRECTION AND AROUND ROOF OPENINGS. A FLASHING SHALL BE INSTALLED TO DRAIN THE WATER AWAY FROM THE EAVE OF A SLOPED ROOF INTERSECT'S VERTICAL SIDEWALL.

3. INSTALL CEMENT PLASTER IN ACCORDANCE WITH ASTM C98, AND COMPLY WITH THE FOLLOWING REQUIREMENTS:

- PLASTER SHALL NOT BE LESS THAN THREE COATS WHERE APPLIED OVER METAL LATH OR WIRE LATH AND SHALL BE NOT LESS THAN TWO COATS WHERE APPLIED OVER MASONRY, CONCRETE, PRESSURE-PRESENTATIVE TREATED WOOD OR DECAY RESISTANT WOOD OR GYPSUM BACKING.
- WATER-RESISTIVE BARRIERS SHALL BE INSTALLED AS REQUIRED IN SECTION 9103.2.2 AND, WHERE APPLIED OVER WOOD-BASED SHEATHING, SHALL INCLUDE A WATER-RESISTIVE VAPOR-PERMEABLE BARRIER WITH A PERFORMANCE AT LEAST EQUIVALENT TO TWO LAYERS OF GRADE D PAPER.
- A MINIMUM 0.015-INCH NO. 30 GALVANIZED STEEL GAGE, CORROSION-RESISTANT WEEP SCREED OR PLASTIC WEEP SCREED, WITH A MINIMUM 1/8-INCH ATTACHMENT TO THE SUBSTRATE, SHALL BE INSTALLED ON ROOF OR PLANE ON EXTERIOR STUD WALLS. THE WEEP SCREED SHALL BE PLACED A MINIMUM OF 4 INCHES ABOVE THE EARTH OR 2 INCHES ABOVE PAVED AREAS AND SHALL BE OF A TYPE THAT WILL ALLOW DRAINAGE OF TRAPPED WATER TO THE EXTERIOR. THE WEEP SCREED SHALL BE INSTALLED TO CROSS ANY WATER-RESISTIVE BARRIER SHALL LAP THE ATTACHMENT FLANGE. THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE WEEP SCREED.

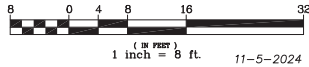
4. PROVIDE ONE LAYER OF 15# FIBER FOR ROOF SLOPING MORE THAN 4:12 AND TWO LAYERS OF 15# FIBER FOR ROOF SLOPING 4:12 OR LESS, UNDER ALL ROOFING MATERIALS, OR PER THE ROOFING MANUFACTURER'S INSTALLATIONS REQUIREMENTS, OR PER CRC TABLE R905.1.1.

5. PROVIDE AN FIBERGLASS VAPOR RETARDER PER CRC CHAPTER 5, COMPLY WITH SECTION 9103.2.2 AND 9105.5.

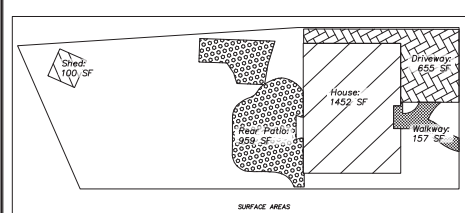
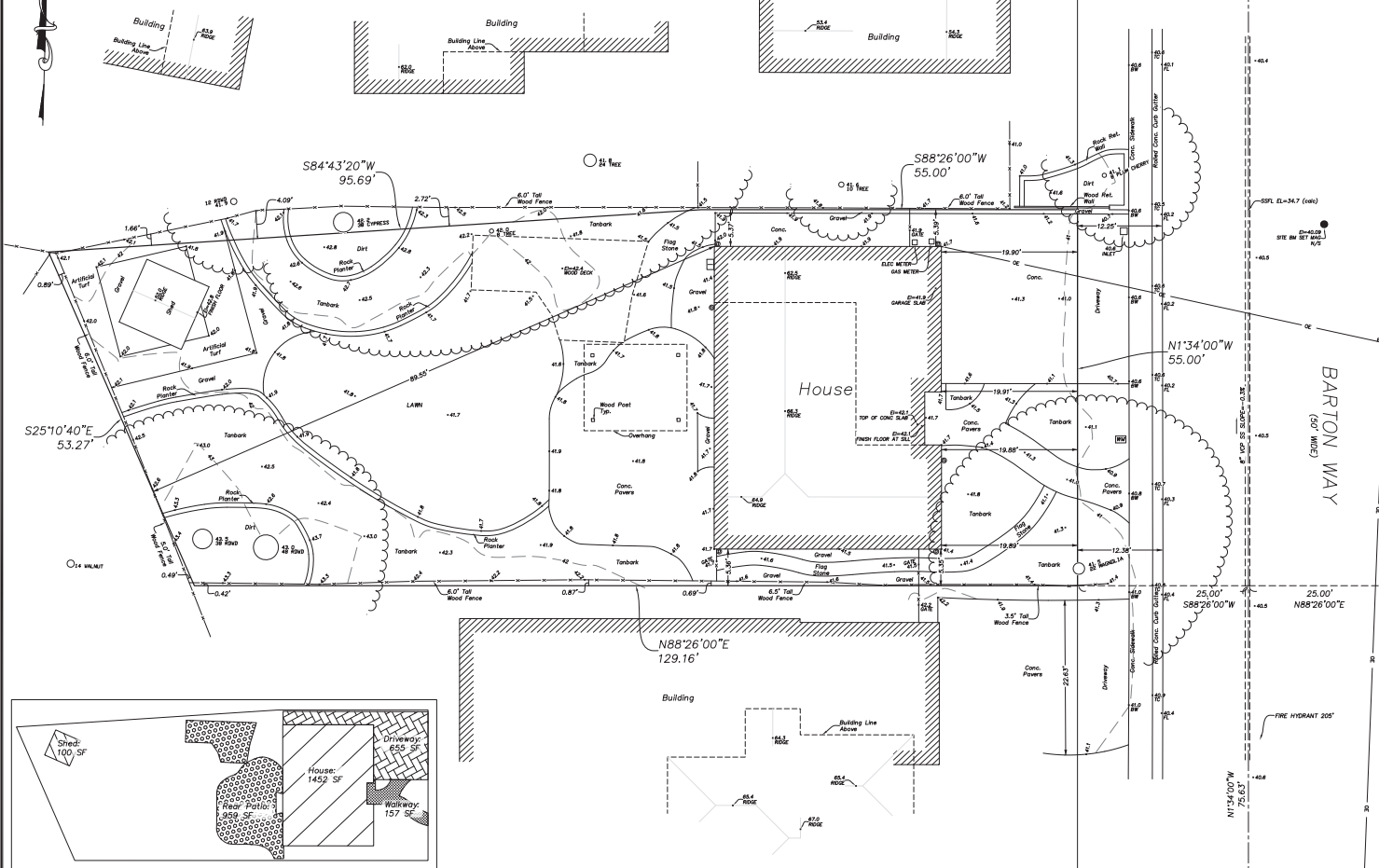
A0.1	COVER SHEET	*
SU.1	SURVEY	*
A0.2	AREA PLAN	*
A0.3	LANDSCAPE PLAN	*
A1.1	PROPOSED SITE PLAN - AREA CALCULATION	*
A1.2	TREE PROTECTION PLAN	*
A2.1	FLOOR DEMOLITION PLANS	*
A2.2	PROPOSED FLOOR PLAN	*
A2.4	SCHEDULES	*
A3.1	EXISTING / PROPOSED FRONT & REAR ELEVATION	*
A3.2	EXISTING / PROPOSED ELEVATIONS (NORTH)	*
A3.3	EXISTING / PROPOSED ELEVATIONS (SOUTH)	*
A4.1	SECTIONS	*
A4.2	SECTIONS	*
A8.1	FLOOR AND WALL DETAILS	*
A8.2	ROOF, DOOR AND WINDOW DETAILS	*
E1.1	ELECTRICAL PLAN	*
EN1	ENERGY CALCULATIONS	*
CG-1	GREEN BUILDING MANDATORY MEASURES	*
CG-2	GREEN BUILDING MANDATORY MEASURES	*
S1	FOUNDATION PLAN	*
S2	2PL / LOW ROOF FRAMING PLAN	*
S3	ROOF FRAMING PLAN (NO WORK)	*
S01	GENERAL NOTES	*
S02	DETAILS	*
S03	DETAILS	*
S04	DETAILS	*
IMP	CONSTRUCTION BEST MANAGEMENT PRACTICES	*

[illegible]

GRAPHIC SCALE



11-5-2024



ABBREVIATIONS

AC	ASPHALT
BW	BACK OF WALK
CONC.	CONCRETE
TC	TOP OF CURB
FL	FLOW LINE
SDMH	STORM DRAIN MANHOLE
SSMH	SANITARY SEWER MANHOLE

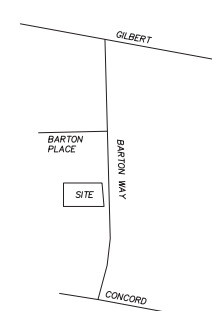
BOUNDARY AND TOPOGRAPHIC SURVEY
319 BARTON WAY
MENLO PARK
APN: 062-342-210
LOT 98, 24 MAPS 54
LOT AREA: 7,461 SQ. FT.

NOTES

- ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS.
- UNDERGROUND UTILITY - LOCATION IS BASED ON SURFACE EVIDENCE.
- BUILDING LOCATION DIMENSIONS ARE MEASURED PERPENDICULAR TO THE PROPERTY LINES.
- DIMENSIONS TO THE BUILDING ARE TAKEN AT THE EXTERIOR FINISHED SURFACE. THE BUILDING EXTERIOR FINISHED SURFACE IS STUCCO AND VARIES APPROXIMATELY 0.06"-0.09" IN THICKNESS.
- FINISH FLOOR ELEVATION TAKEN AT DOOR THRESHOLD (EXTERIOR).
- BENCHMARK: OPUS GPS NAVD88 DATUM [NAVD88 (Computed using GEOID18)]
- SITE LIES IN FLOOD ZONE AE 42.2 PER FIRM MAP 06081C03085 10/16/2012
- A BOUNDARY SURVEY WAS PERFORMED TO ACCURATELY LOCATE THE LEGAL PROPERTY LINES IN RELATION TO THE EXISTING IMPROVEMENTS (BUILDING)
- A CURRENT TITLE REPORT FOR THE SUBJECT PROPERTY HAS NOT BEEN EXAMINED BY L. WADE HAMMOND LAND SURVEYOR. EASEMENTS OF RECORD MAY EXIST THAT ARE NOT SHOWN ON THIS MAP.
- TREE SPECIES IDENTIFICATION: BEST EFFORT, WE ARE NOT ARBORISTS OR DENDROLOGISTS.
- TREES SHOWN ARE 6" TRUNK DIAMETER OR LARGER, MEASURED 5' ABOVE GRADE

LEGEND

- FOUND POINT IN MONUMENT CASTING (AS NOTED)
- FOUND POINT AS NOTED
- () RECORD DATA / REFERENCE
- WATER METER OR WATER VALVE BOX
- FIRE HYDRANT
- 16 12 8 OAK TREE TRUNK DIAMETER IN INCHES
- 16 12 8 OAK TREE SPECIES IDENTIFICATION: BEST EFFORT, WE ARE NOT ARBORISTS OR DENDROLOGISTS
- 16 12 8 OAK TREE WITH MULTIPLE TRUNKS
- TRUNK TREE DRIP LINE POINTS TOWARDS TREE TRUNKS. TREE DRIP LINES ABOVE PROPERTY LOCATED AS SHOWN.
- TOP OF CURB
- FENCE
- OVERHEAD WIRES
- POWER POLE
- SPOT ELEVATION
- SANITARY SEWER CLEAN OUT
- IRRIGATION VALVE BOX
- DOWN SPOUT
- EDGE OF ASP PAVING

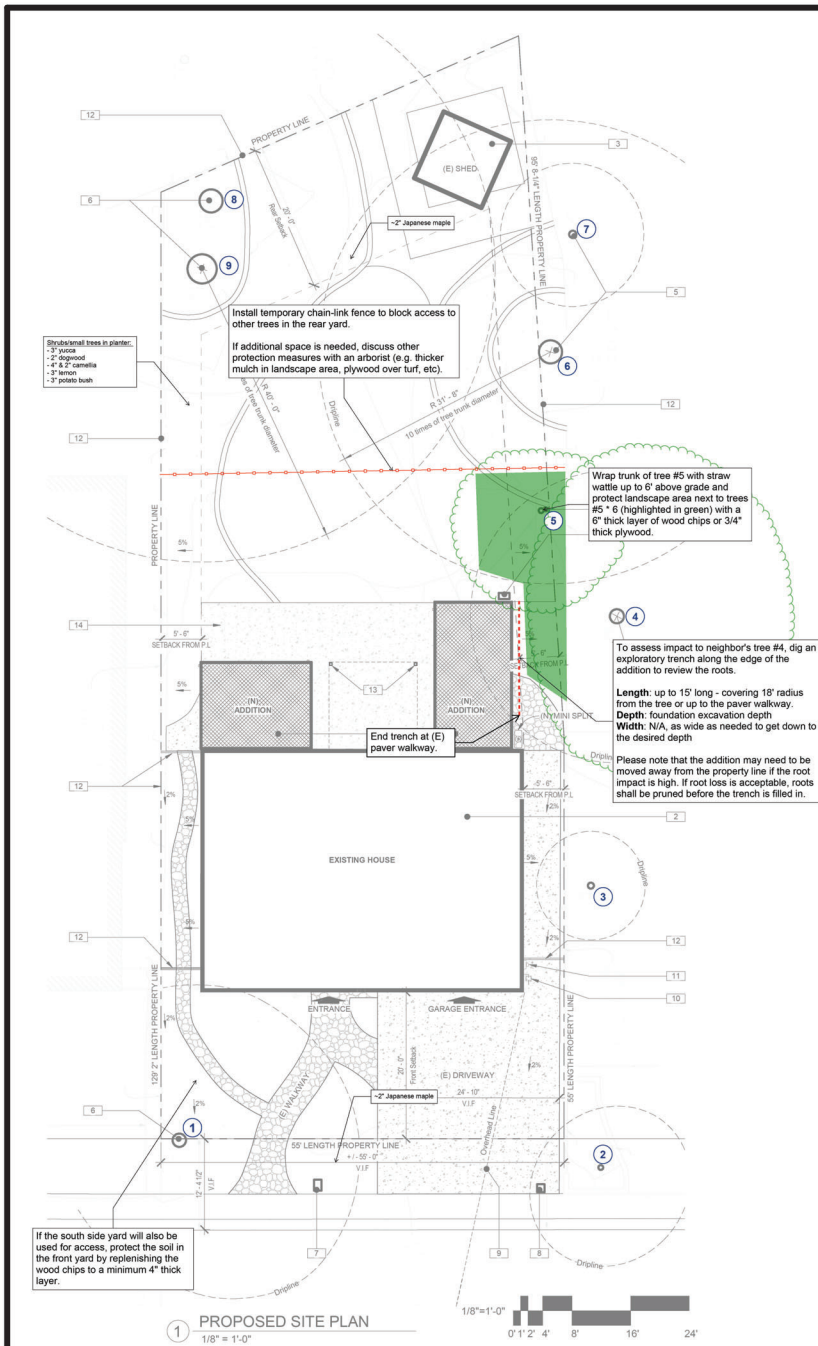


I CERTIFY THAT THIS PARCEL'S BOUNDARY WAS ESTABLISHED BY ME OR UNDER MY SUPERVISION AND IS BASED ON A FIELD SURVEY IN CONFORMANCE WITH THE LAND SURVEYOR'S ACT. ALL MONUMENTS ARE OF THE CHARACTER AND OCCUPY THE POSITIONS INDICATED AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACTED.



SU.1

L. Wade Hammond
Land Surveying
Civil Engineering
36660 Newark Blvd. Suite C
Newark, California 94560
Tel: (510) 579-6112
wade@whlandsurveyor.com www.wadehammondpls.com



Tree Protection Recommendations

PLEASE NOTE: Once the project is approved with the tree protection recommendations outlined in this report, any changes to the protection measures must be approved by the City Arborist.

Design Phase

- Before the design is finalized, dig an exploratory trench along the proposed north addition. The trench should cover the part of the addition that occurs within 18' radius of tree #4. Trench specifications as follows:
 - Length: up to 15' long – end at the existing paver walkway
 - Depth: foundation excavation depth
 - Width: N/A, as wide as needed to get down to the desired depth
 - Please note that the addition may need to be moved away from the property line if the root impact is high. If root loss is acceptable, roots can be pruned before the trench is filled in.

Pre-Demolition Phase

- Contractors:
 - Inform all contractors and subcontractors of the significance of protecting the Heritage trees, as the financial consequences for tree damage may be significant (e.g. city fines based on appraised values, claims from off-site tree owners). A pre-construction meeting may be needed to review the tree protection measures and work plan before demolition begins.
 - Inform the Project Arborist of the start date of the project. The City requires regular inspections (e.g. 4 week intervals) to ensure that the project is adhering to the tree protection recommendations, and that fencing remains in place throughout construction.
- Temporary tree fencing or alternative protection measures:
 - Wrap the trunk of tree #5 with straw wattle up to 6' above grade.
 - Install temporary 6' chain-link fencing to limit access to the backyard trees as noted on the Tree Protection Plan. The City of Menlo Park requires 6' tall chain link fencing mounted on 8' tall, 2" diameter galvanized posts, driven 24" into the ground and spaced no more than 10' apart. Attach signs to the fencing that state "TREE PROTECTION FENCE - DO NOT MOVE OR REMOVE WITHOUT APPROVAL FROM CITY ARBORIST".
 - If the fencing location will obstruct construction access, discuss other options with the Project Arborist. For instance, the same area may be covered with plywood or wood chips to protect the roots from soil compaction, and the trunks may be wrapped to 6' high with straw wattle to protect them from contact damage.
 - Protect the landscape area around trees #5 & 6, outside of the protection fencing, with either a 6" thick layer of wood chips or 3/4" thick plywood.
 - If the south side will be used for access, protect the soil in the front yard around tree #1 by replenishing the wood chips to a minimum 4" thick layer.
 - Ensure that temporary protection measures are installed before equipment arrives or demolition begins. Once completed, the Project Arborist must inspect and provide a verification letter to the City before the demolition or building permit is issued.
 - The tree protection measures are to remain as is throughout the project. To modify the protection measures, contact the Project Arborist to submit a request in writing to the City. Only the City Arborist can authorize removal of the protection measures at the end of the project.
- Pruning: Limit clearance pruning to the bare minimum, i.e. enough to just clear the air space needed for construction. In the city, generally if root or branch pruning is needed, the pruning must be supervised by the Project Arborist.

Construction Phase

- City of Menlo Park specific requirements:
 - In general, if root or branch pruning is needed, the pruning must be supervised by the Project Arborist.
 - The City requires regular inspections (e.g. 4 week intervals) by an arborist to ensure that the project is adhering to the tree protection recommendations, and that fencing remains in place throughout construction.
- At any time, if damage occurs to any tree, immediately consult the Project Arborist for recommendations on how to mitigate the damage.
- When construction is completed but before fencing is removed, contact the City Arborist for a final inspection.
- Supplemental irrigation may be needed for tree #4 during and after construction depending on the root impact. A temporary option with soaker hoses may be used. The hoses should be laid out as close to the edge of the tree canopies as possible. Leave them on a slow drip rate for 8 hours once a month, ideally overnight. The irrigation off-sets water stress that may result from root pruning.

Tree Protection Legend

- 1 Tree tag #s; tags may be on the fence for off-site trees
- Tree protection fencing: chain-link, attached to steel posts driven at least 2' into the ground, with signs
- Canopy dripline by arborist (for omitted/inaccurate driplines only)

Tree Inventory Table

The tree inventory table includes individual tree data as required by the City of Menlo Park. The data is explained as follows:

ID #	Species	DBH	Status	Height	Health	Structure	Appraised Value	Notes & Impact	Actions
								Common & botanical name	
								Diameter at Breast Height (4' above ground) in inches; trunk is measured with a diameter tape. For off-site or inaccessible trees, the trunk size may be visually estimated instead and indicated with a "<".	
								Denotes whether the tree is a StreetCity tree, Heritage Tree, or off-site tree	
								Height, visually estimated or measured with a TruPulse 200L Rangefinder	
								Health and vigor of the tree. Ratings are broken down into:	
								<ul style="list-style-type: none"> Good: The tree is growing well with vigor appropriate for its age – canopy is full with good color. Pest or disease issues may be present but have low impact on the tree. Fair: The tree is showing signs of stress, exhibited as sparse canopy, change in foliage color, and minor/moderate signs of pest or disease issues. It can recover as long as conditions naturally improve. Poor: The tree is stressed with tip dieback, it is unable to overcome pest & disease issues. Immediate long-term intervention and care is needed to avoid decline to the point of non-recovery. Very Poor: The tree has significant issues and has declined so far that it is unlikely to recover. Dead: No life remains in the tree. 	
								Structure	
								Architecture & defects of the tree. Ratings are broken down into:	
								<ul style="list-style-type: none"> Good: The tree has ideal trunk & branch architecture. Fair: Branch defects, poor attachments and decay may be present, but they can be mitigated with 1-2 pruning cycles (over 3-5 years). Poor: Defects cannot be mitigated without long term management (10+ years); support systems like cabling and bolting may be needed in conjunction with pruning to reduce risk to the property. Very Poor: The tree has significant issues that cannot be corrected and may be a hazard to the property. 	
								Dripline	
								The canopy ("dripline") radius is visually estimated in feet in each cardinal direction (north, east, south, west).	
								Appraised Value	
								An estimate of the value of each tree is obtained using the Trunk Formula Technique outlined in the 10 th Edition of the <i>Guide for Plant Appraisal</i> by the Council of Tree & Landscape Appraisers (CTLA). The cost to replace a perfect specimen of like-size is calculated, then depreciated by the subject tree's current health, structure, form, factors that are inherent to the species and property, and external factors that are out of the property manager's control. Removal of non-Heritage, privately owned trees do not require a permit or mitigation plantings, so appraised values are not calculated. They are noted with "N/A".	
								Notes & Impact	
								Proximity to the project's improvements, and the anticipated impact based on tree condition, species tolerance to disturbance, future longevity, etc.	
								Actions	
								Indicates recommended actions based on impacts, including tree protection measures.	

#	Species	DBH (in)	Status	Height	Health	Structure	Appraised Value (\$)	Notes & Impact	Actions
1	Southern Magnolia (Magnolia grandifolia)	20.5	City Tree	40	Good	Good Fair	\$4,810	May be city tree. Diameter measured at 2.2' due to trunk emergence above canopy. Slightly sparse canopy, may be due to over-maintenance especially a loose canopy. Interior canopy full and dense. Branches slightly drooping. No decay. Minor dead wood in any side. Slight loss of canopy growth, possibly due to pruning.	Dig an exploratory trench along the edge of the addition to remove the roots, spanning all width from the trunk. Pruned landscape area with wood chips or 1/2" thick plywood.
2	Plum (Prunus sp.)	<10	Off-site	27	Fair	Fair Poor	\$2,165	Neighbor's tree, not tagged. DBH measured at 2' due to trunk emergence above canopy. Slightly sparse canopy, may be due to over-maintenance especially a loose canopy. Interior canopy full and dense. Branches slightly drooping. No decay. Minor dead wood in any side. Slight loss of canopy growth, possibly due to pruning.	None
3	Arbutus (Arbutus menziesii)	<10	Off-site	20	Fair	Poor	\$1,615	Neighbor's tree, DBH estimated, tag on trunk. No decay. Slightly sparse canopy. Interior canopy full and dense. Branches slightly drooping. No decay. Minor dead wood in any side. Slight loss of canopy growth, possibly due to pruning.	None
4	Mediterranean (Prunus lauro-cerasus)	<10	Off-site	51	Good	Fair Fair	\$3,330	Neighbor's tree, DBH estimated, tag on trunk. No decay. Slightly sparse canopy. Interior canopy full and dense. Branches slightly drooping. No decay. Minor dead wood in any side. Slight loss of canopy growth, possibly due to pruning.	Dig an exploratory trench along the edge of the addition to remove the roots, spanning all width from the trunk. Pruned landscape area with wood chips or 1/2" thick plywood.
5	Brown laurel (Sarcococca glauca)	10		30	Good	Good	\$1,115	Trunk base buried 2' from existing bank. Current canopy at 4' minor dead wood. DBH measured at 2' due to trunk emergence above canopy. Slightly sparse canopy. Interior canopy full and dense. Branches slightly drooping. No decay. Minor dead wood in any side. Slight loss of canopy growth, possibly due to pruning.	Pruned landscape area with wood chips or 1/2" thick plywood.
6	Hebe (Ceanothus leucodermis)	40	Off-site	80	Good	Fair	\$19,880	Adjacent to neighbor's tree based on property line. Diameter estimated at 2' due to trunk emergence above canopy. Slightly sparse canopy. Interior canopy full and dense. Branches slightly drooping. No decay. Minor dead wood in any side. Slight loss of canopy growth, possibly due to pruning.	Install temporary protection fencing.
7	Quail (Quercus agrifolia)	<11	Off-site	47	Good	Good	\$1,630	Gap in canopy to 1' lower half maple (removed or tree removed on neighbor's side). Slightly sparse canopy. Interior canopy full and dense. Branches slightly drooping. No decay. Minor dead wood in any side. Slight loss of canopy growth, possibly due to pruning.	Install temporary protection fencing.
8	Quail (Quercus agrifolia)	30.5	Heritage	140	Good	Fair Fair	\$33,330	Small piece of timber attached to SW side of trunk. Neighbor's house & concrete patio on other side. Slight gap in canopy to SE. Slightly sparse canopy. Interior canopy full and dense. Branches slightly drooping. No decay. Minor dead wood in any side. Slight loss of canopy growth, possibly due to pruning.	Install temporary protection fencing.

TREE PROTECTION PLAN
For 319 Barton Way, Menlo Park
January 17, 2025
 By Jennifer Tso, BCMA #WE-10270B
 Michella Arboriculture, LLC
 925-515-1362 | jennifer@micheliarborist.com

Drawn on proposed site plan by Timeline
 Design + Build (January 10, 2025)



Revisions	Date
No.	Description

REMODEL / ADDITION FOR:
HART RESIDENCE

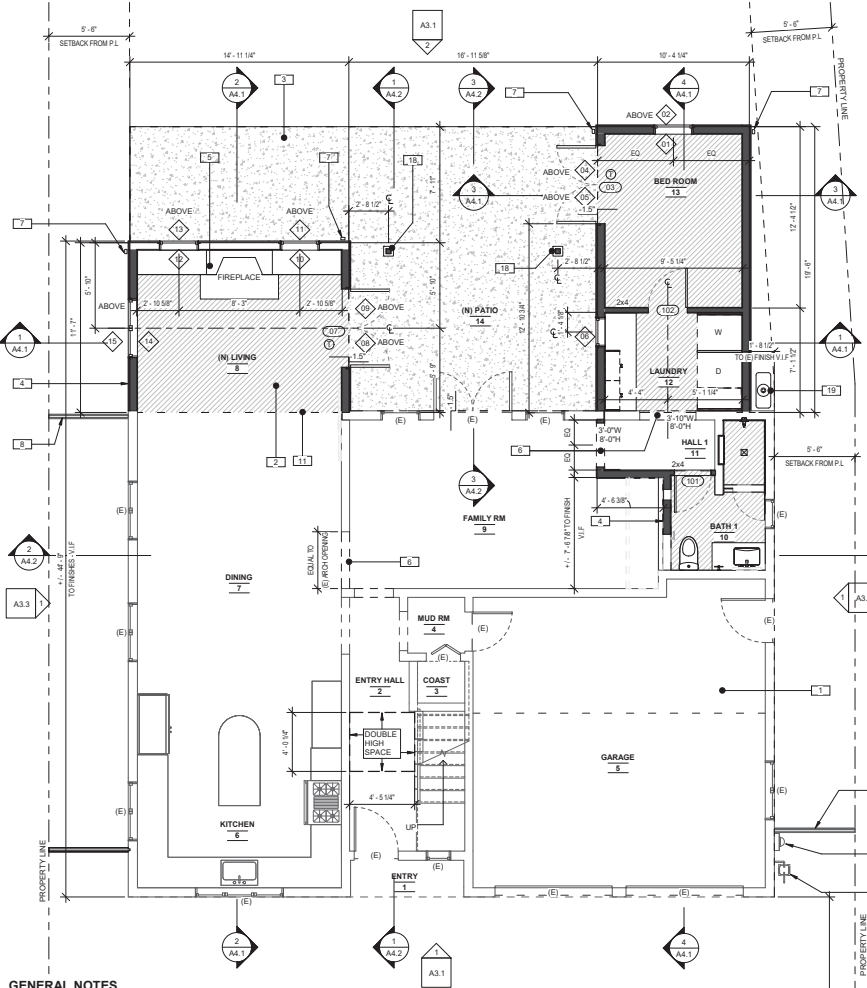
319 BARTON WAY, MENLO PARK, CA 94025

A.P.N. 062-342-210

SCALE:
 DTN
 BF
 04/08/25

TIMELINE
 DESIGN + BUILD
 14401 BIG BASIN WAY
 SAN FRANCISCO, CA 94037
 PHONE: 415-413-3000 FAX: 415-413-1708

A1.2
 TREE PROTECTION PLAN



GENERAL NOTES

1. ALL WALL DIMENSIONS ARE TO FACE OF FRAMING UNLESS NOTED OTHERWISE.
2. ALL EXTERIOR FRAMED WALLS ARE 2x6 UNLESS NOTED OTHERWISE. REFER TO DETAIL A4.1 FOR ADDITIONAL INFORMATION.
3. ALL INTERIOR FRAMED WALLS ARE 2x6 UNLESS NOTED OTHERWISE.
4. TRELLIS STRUCTURE SHALL BE CONSIDERED LOUVERTEC PRODUCT, BUT SUBJECT TO CHANGE.
5. REFER TO DETAILS 7/A2.2 AND 8/A2.2 FOR TYPICAL WINDOW DETAILS.

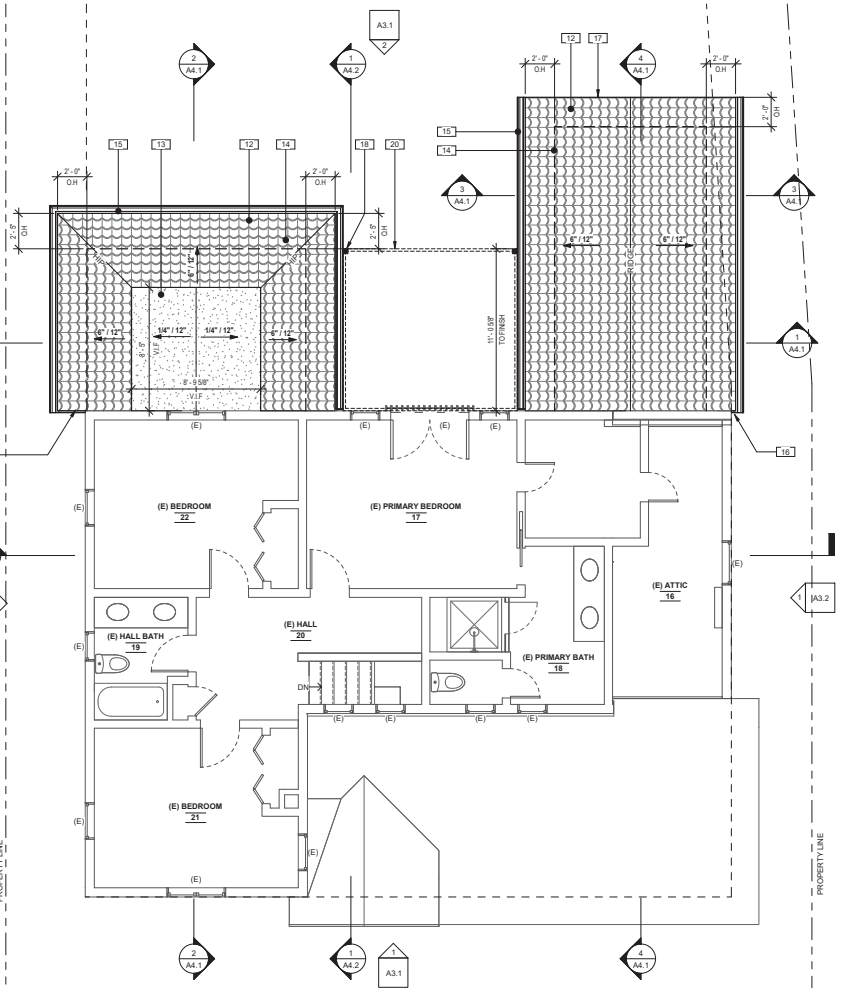
LEGEND

- ① TEMPERED GLAZING
- EGR EGRESS WINDOW:
 - MINIMUM CLEAR WIDTH TO BE 20"
 - MINIMUM CLEAR HEIGHT TO BE 24"
 - MINIMUM CLEAR OPENING AREA TO BE 5.7 Sq Ft
 - MAXIMUM SILL HEIGHT TO BE 44" A.F.F.
- DOOR SYMBOL, REFER TO DOOR SCHEDULE ON A2.4
- WINDOW SYMBOL, REFER TO WINDOW SCHEDULE ON A2.4
- X ROOM NUMBER

1 PROPOSED FIRST FLOOR PLAN 1/4"=1'-0"
1/4"=1'-0"



KEYNOTES	
1	BLANK INDICATES EXISTING FLOOR TO REMAIN, POLISHED FINISH
2	NEW CONCRETE SLAB, FINISHED TO LEVEL WITH THE EXISTING LIVING FLOOR
3	NEW 4" CONCRETE SLAB EXTERIOR, THE HIGHEST POINT AT DOOR LOWER 3/4" FROM INTERIOR FINISH FLOOR, SLOPE 1/4" AWAY FROM BUILDING
4	PATTERN INDICATES NEW WALL, TYPICAL
5	ELECTRICAL GAS FIREPLACE, REFER TO INTERIOR DESIGN FOR ADDITIONAL INFORMATION
6	OPENING ARCHES, REFER TO SECTIONS AND DETAILS
7	DOWNSPOUT, DISCHARGE ONTO SPLASH BLOCKS
8	EXISTING WOOD FENCE TO REMAIN, RESULT IN CASE HAVE TO BE DEMO FOR CONSTRUCTION IMPLEMENTATION
9	EXISTING ELECTRICAL PANEL WITH OVERHEAD FEED TO REMAIN
10	EXISTING GAS METER TO REMAIN
11	LINE INDICATE CONNECTION BETWEEN EXISTING AND NEW FLOOR
12	PATTERN INDICATES NEW ROOFING STRUCTURE, FINISH MATERIAL TO MATCH WITH THE EXISTING ROOF
13	FLAT ROOF WITH IB ROOFING OVER 2x6 AND TAPERED INSULATION, REFER TO ROOF ASSEMBLY DETAIL FOR ADDITIONAL INFORMATION
14	LINE OF EXTERIOR WALL BELOW INDICATES EXTERIOR FACE OF WALL FRAMES
15	NEW GUTTER, DOWNSPOUT AND RELATED ITEMS, REFER TO TABLE A2.2 FOR ADDITIONAL INFORMATION
16	WOOD FASCIA 2x6 TO PAINT FINISH, REFER TO ROOF ASSEMBLY DETAILS
17	WOOD FASCIA 2x10 TO PAINT FINISH, REFER TO ROOF ASSEMBLY DETAILS
18	PROPOSED WOOD TRELLIS POST 4" x 4", REFER TO DETAILS FOR ADDITIONAL INFORMATION
19	MINI SPLIT AC OUTDOOR UNIT
20	PROPOSED TRELLIS STRUCTURE COVERAGE, DETAILS OF TRELLIS TBD



2 PROPOSED ROOF PLAN 1/4"=1'-0"
1/4"=1'-0"



	MANUFACTURER	STYLE	COLOR	MATERIAL
ROOFING MATERIAL	TBD	TBD	TBD	TBD
FLAT ROOFING	IB ROOFING	N/A	DARK GREY	PVC
GUTTERS AND DOWNSPOUTS	TBD	5 1/2" HALF ROUND	N/A	COPPER
	TBD	3" ROUND	N/A	COPPER

TYPICAL EAVE DETAIL: 5/A2.1
ROOFING ASSEMBLY DETAIL: 2/A2.1
SPECIFICATION SHEETS: ---



Revisions	Date
No.	Description

REMODEL / ADDITION FOR:
HART RESIDENCE
319 BARTON WAY, MENLO PARK, CA 94025

A.P.N. 062-342-210

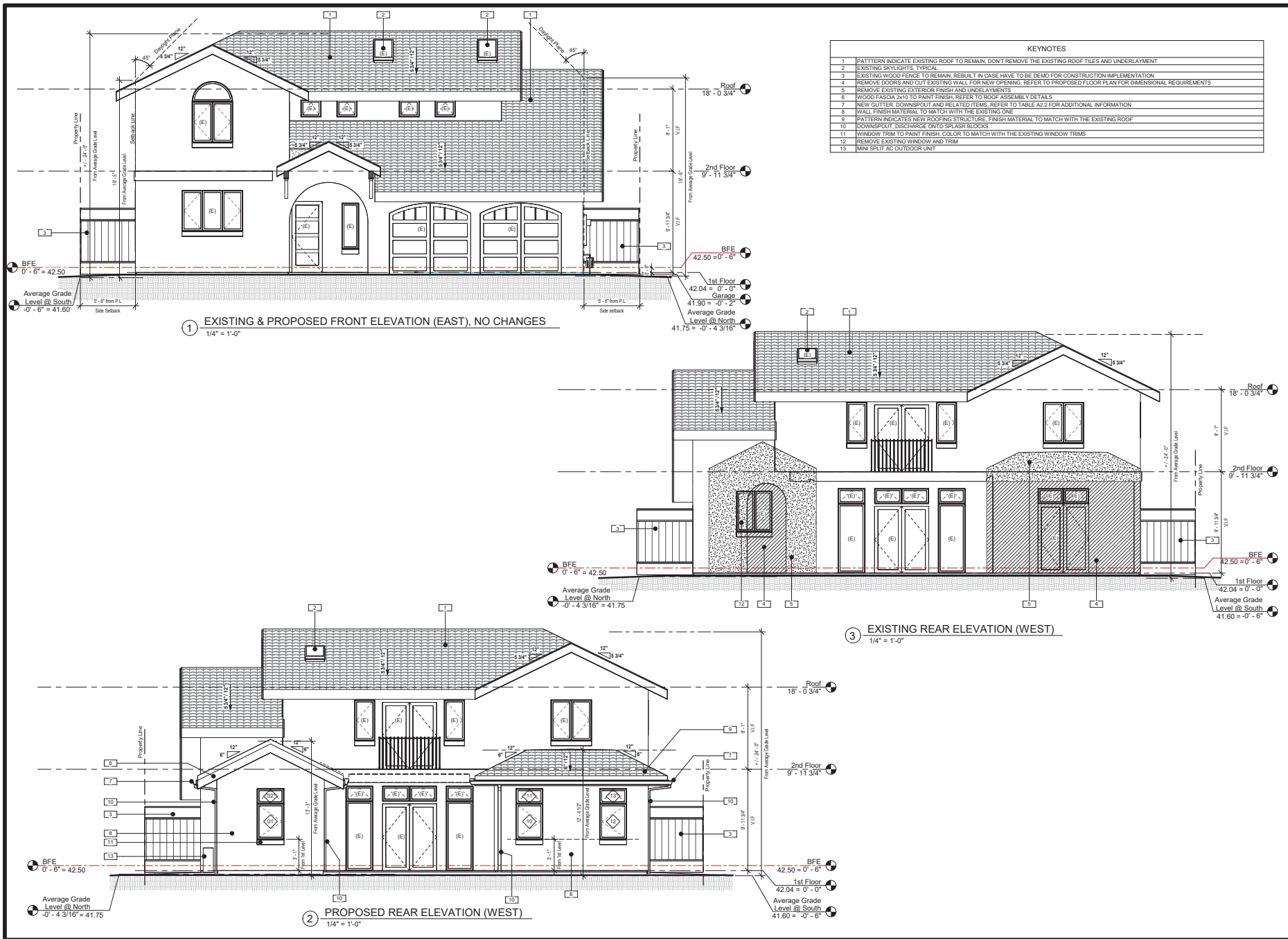
SCALE: 1/4" = 1'-0"
DRAWN BY: DTN
APPROVED BY: BF
DATE: 04/08/25

TIMELINE
DESIGN + BUILD
14401 BIG BASIN WAY
SAN JOSE, CA 95050
PHONE: 408.741.3000 FAX: 408.317.1708



A2.2
PROPOSED FLOOR PLAN

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Revisions		Description	
No.	Date		

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A.P.N. 062-342-210

SCALE: 1/4" = 1'-0"

DRAWN BY: DTN

APPROVED BY: BF

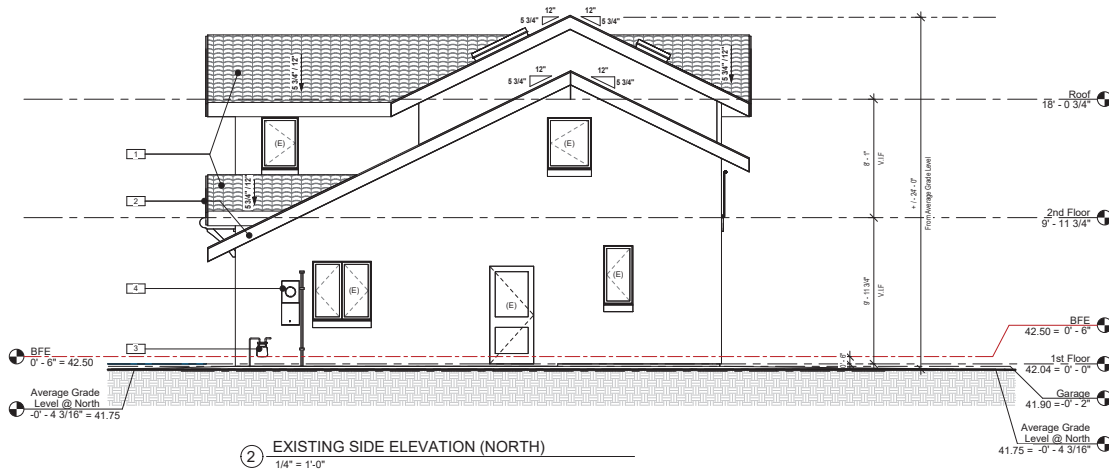
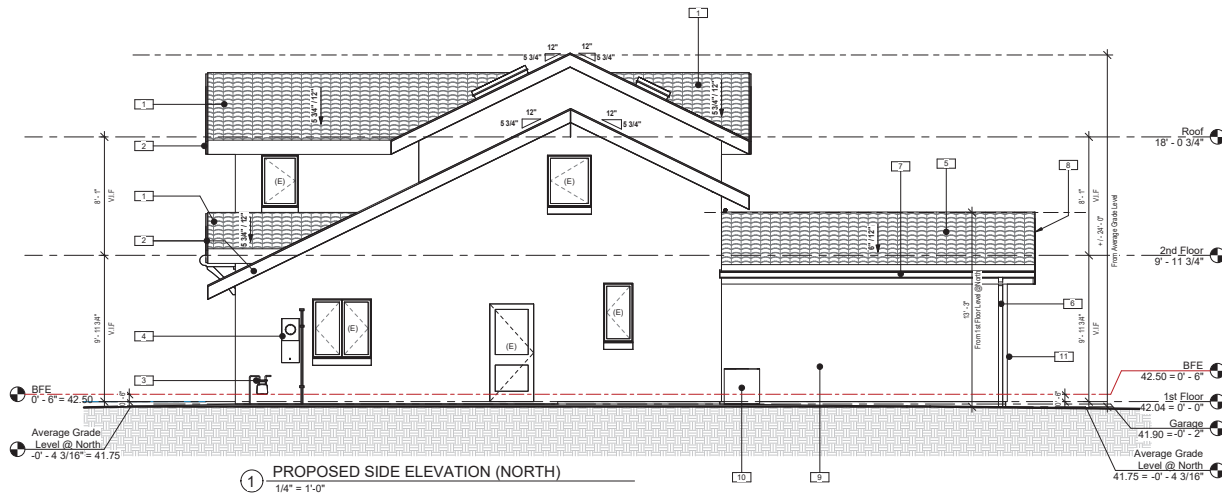
DATE: 04/08/25

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14401 BIG BASIN WAY
SAN JOSE, CA 95131
PHONE: 408.741.3000 FAX: 408.317.1708

A3.1

EXISTING / PROPOSED FRONT & REAR ELEVATION



KEYNOTES	
1	PATTERN INDICATE EXISTING ROOF TO REMAIN, DON'T REMOVE THE EXISTING ROOF TILES AND UNDERLAYMENT
2	EXISTING WOOD FASCIA 2X10 TO PAINT FINISH
3	EXISTING GAS METER TO REMAIN
4	EXISTING ELECTRICAL PANEL WITH OVERHEAD FEED TO REMAIN
5	PATTERN INDICATES NEW ROOFING STRUCTURE, FINISH MATERIAL TO MATCH WITH THE EXISTING ROOF
6	DOWNSPOUT DISCHARGE ONTO SPASH BLOCKS
7	NEW GUTTER, DOWNSPOUT AND RELATED ITEMS, REFER TO TABLE A2.2 FOR ADDITIONAL INFORMATION
8	WOOD FASCIA 2X10 TO PAINT FINISH, REFER TO ROOF ASSEMBLY DETAILS
9	WALL FINISH MATERIAL TO MATCH WITH THE EXISTING ONE
10	MIN SPLIT AC OUTDOOR UNIT
11	WINDOW TRIM TO PAINT FINISH, COLOR TO MATCH WITH THE EXISTING WINDOW TRIMS

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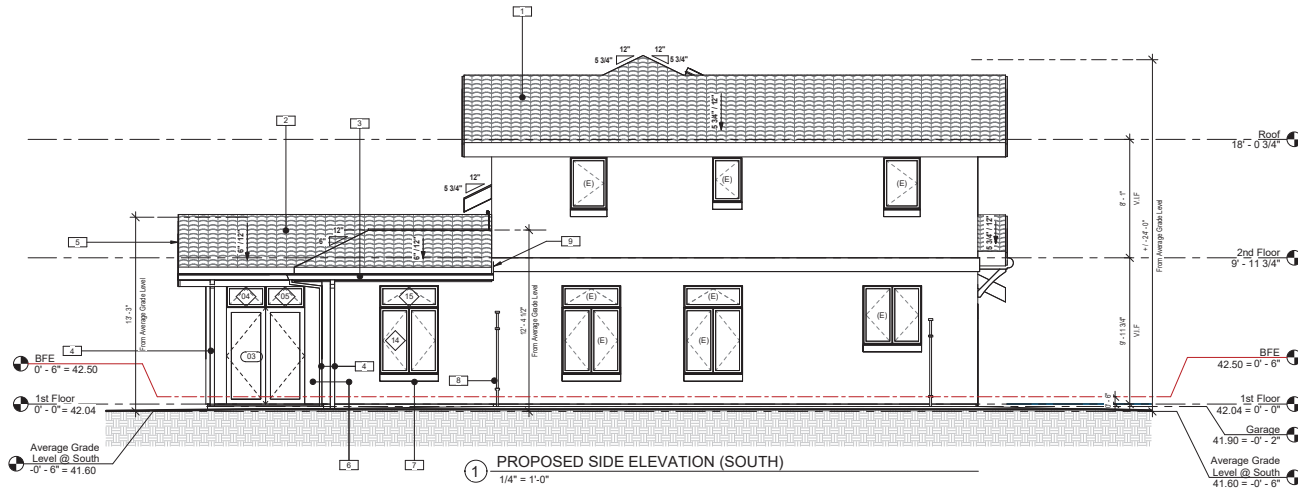
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DRAWN BY:	DTN
APPROVED BY:	BF
DATE:	04/08/25

TIMELINE
DESIGN + BUILD
14401 BIG BASIN WAY
SAN JOSE, CA 95130
PHONE: 408.741.3000 FAX: 408.317.1708

A3.2
EXISTING / PROPOSED ELEVATIONS (NORTH)

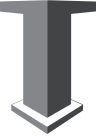
KEYNOTES	
1	PATTERN INDICATE EXISTING ROOF TO REMAIN, DON'T REMOVE THE EXISTING ROOF TILES AND UNDERLAYMENT
2	PATTERN INDICATES NEW ROOFING STRUCTURE, FINISH MATERIAL TO MATCH WITH THE EXISTING ROOF
3	NEW GUTTER, DOWNSPOUT AND RELATED ITEMS, REFER TO TABLE A2.2 FOR ADDITIONAL INFORMATION
4	DOWNSPOUT, DISCHARGE ONTO SPLASH BLOCKS
5	WOOD FASCIA 2x10 TO PAINT FINISH, REFER TO ROOF ASSEMBLY DETAILS
6	WALL FINISH MATERIAL TO MATCH WITH THE EXISTING ONE
7	WINDOW TRIM TO PAINT FINISH, COLOR TO MATCH WITH THE EXISTING WINDOW TRIMS
8	EXISTING WOOD FENCE TO REMAIN, REBUILD IN CASE HAVE TO BE DEMO FOR CONSTRUCTION IMPLEMENTATION
9	WOOD FASCIA 2x6 TO PAINT FINISH, REFER TO ROOF ASSEMBLY DETAILS



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Revisions	
No.	Description

REMODEL / ADDITION FOR:	
HART RESIDENCE	
319 BARTON WAY, MENLO PARK, CA 94025	
A.P.N. 062-342-210	
SCALE: 1/4" = 1'-0"	DTN
DRAWN BY:	BF
APPROVED BY:	04/08/25
DATE:	



A3.3

EXISTING / PROPOSED ELEVATIONS (SOUTH)